

# Recombinant human Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial protein

Catalog No: #AP71745

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Package Size: #AP71745-1 20ug #AP71745-2 100ug #AP71745-3 1mg

## Description

Product Name	Recombinant human Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:44-293aaSequence Info:Partial
Other Names	Flavoprotein subunit of complex II ;Fp
Accession No.	P31040
Uniprot	P31040
GeneID	6389;
Calculated MW	31.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SAKVSDSISAQYPVVDHEFDVAVVVGAGGAGLRAAFGLSEAGFNTACVTKLFPTRSHTVAAQGGINAALGNME EDNWRWHFYDVTVKGSDWLGQDAIHYMTEQAPAAVVELENYGMPFSRTEDGKIYQRAFGGQSLKFGKGGQ AHRCCCVADRTGHSLHTLYGRSLRYDTSYFVEYFALDLLMENGECRGVIALCIEDGSIHRIRAKNTVVATGGY GRTYFSCTSAHTSTGDGTAMITRAGLPCQDLEFV
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Flavoprotein (FP) subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q). Can act as a tumor suppressor.

## References

The cDNA sequence of the flavoprotein subunit of human heart succinate dehydrogenase.Morris A.A.M., Farnsworth L., Ackrell B.A.C., Turnbull D.M., Birch-Machin M.A.Biochim. Biophys. Acta 1185:125-128(1994)Research Topic:Transport

Note: This product is for in vitro research use only